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### Abstract

The invention proposes a method of performing  
5 authentication of a subscriber during a subscriber  
equipment terminated call, comprising the steps of  
sending a session invitation message (S4, S5) to the  
subscriber equipment, the session invitation message  
including authentication information (AuthData1), and  
10 performing an authentication procedure in the subscriber  
equipment by using the authentication information. The  
invention also proposes a corresponding network system,  
network control element and subscriber entity.

15 (Fig. 1)